

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L4    | 217   | ("4316247"   "4510398"   "4538231"   "4568934"   "4751653").PN. OR ("4980836").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 13:46 |
| L5    | 6     | L4 and (((wake adj up) or wakeup) with battery)                                      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 13:40 |
| L6    | 21    | L4 and (((wake adj up) or wakeup) same battery)                                      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 13:49 |
| L9    | 2     | l4 and (wol or ("wake up on lan" or "wakeup on lan" or "wake on lan"))               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 13:48 |
| L10   | 2     | l4 and (wol or ((wake adj up adj lan) or (wakeup adj lan) or (wake adj lan)))        | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 13:48 |
| L13   | 7666  | (wol or ((wake adj up adj lan) or (wakeup adj lan) or (wake adj lan)))               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 13:48 |
| L15   | 9     | l13 and (((wake adj up) or wakeup) same battery)                                     | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 14:31 |
| L16   | 0     | "not" adj (wakeup or (wake adj up))  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 14:32 |
| L17   | 0     | "not wake up"  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/05/18 14:32 |
| S1    | 10    | ((("5339437") or ("5568649") or ("5864656") or ("6212592") or ("6216183")).PN.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/05/16 14:02 |
| S2    | 303   | 714/22.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/16 14:02 |
| S3    | 159   | battery and S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/16 14:02 |
| S4    | 32512 | remain\$3 with battery   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/16 14:03 |
| S5    | 36    | S2 and S4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/16 14:25 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S6  | 2138  | 713/300.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 14:26 |
| S7  | 63438 | power near requirement   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 14:26 |
| S8  | 299   | S7 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 14:26 |
| S9  | 32    | S4 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 14:38 |
| S10 | 36    | (data with packet with (power adj (requirement)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 14:40 |
| S11 | 9     | ((sufficient or insufficient) adj power) adj remaining adj2 battery  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 14:43 |
| S12 | 125   | (sufficient or insufficient) with power with battery with perform  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:32 |
| S14 | 16    | ((("6799279") or ("5311441") or ("5442794") or ("5958058") or ("6071784") or ("6393570") or ("6760850") or ("20030233587"))).PN. or (2003/0097398).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/17 12:24 |
| S15 | 2138  | 713/300.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:30 |
| S16 | 40653 | (wol or (wake adj "on" adj lan) or (wake-up adj lan) or (wake-up adj "on" adj lan))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:31 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S17 | 385    | S15 and S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:32 |
| S18 | 16929  | battery and packet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:32 |
| S19 | 81     | S17 and S18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:32 |
| S20 | 144404 | (sufficient or insufficient) with (power or battery)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:33 |
| S21 | 19     | S20 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:50 |
| S22 | 1      | "56062423"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 17:50 |
| S23 | 8      | ((("5606242") or ("6189108") or ("6191557") or ("6266696"))).<br>PN.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/16 18:51 |
| S24 | 2      | ("6950684").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/16 18:53 |
| S25 | 22     | battery with (sufficient adj (power or charge or energy)) with<br>(activity or instructions or request) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 18:56 |
| S26 | 1      | S15 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/16 18:54 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S27 | 4109 | battery with (sufficient adj (power or charge or energy))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:24 |
| S28 | 41   | S27 and S15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/16 18:56 |
| S29 | 646  | battery with (insufficient adj (power or charge or energy))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:57 |
| S30 | 171  | S29 and portable  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:24 |
| S31 | 2325 | (battery and ((insufficient or sufficient) with (power or charge or energy))).ab.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:29 |
| S32 | 185  | (battery and ((insufficient or sufficient) with (power or charge or energy)) and portable).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:32 |
| S33 | 94   | (remain\$3 with battery with (insufficient or sufficient) with (power or charge or energy)).ab. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:56 |
| S34 | 2801 | 714/22.ccls. or 713/300,340.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:37 |
| S35 | 842  | (remain\$3 with battery with (insufficient or sufficient) with (power or charge or energy))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:38 |
| S36 | 28   | S34 and S35   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:53 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S37 | 1198  | 713/320.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:53 |
| S38 | 11    | wol and S37  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:54 |
| S39 | 434   | "I20" and battery  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:54 |
| S40 | 9     | S38 and battery  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 11:54 |
| S41 | 1     | (remote adj maintenance) with (battery near power\$2 near (device or computer or pda or pc)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:27 |
| S42 | 1     | (remote adj maintenance) with (battery near power\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:27 |
| S43 | 22    | ( maintenance) with (battery near power\$2 near (device or computer or pda or pc))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:32 |
| S44 | 341   | (enough or sufficient) adj (battery) adj (life or power)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:33 |
| S45 | 43    | ("5175853").PN. OR ("5339437").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/05/17 12:48 |
| S46 | 40653 | (wol or (wake ajd "on" adj lan) or (wake-up adj lan) or (wake-up adj "on" adj lan))          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:28 |
| S47 | 263   | S37 and S46  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:57 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S48 | 13074 | battery with (( sufficient or insufficient) with (power or charge or energy or life)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 12:58 |
| S49 | 11    | S47 and S48   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:09 |
| S50 | 20941 | wol S48   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:10 |
| S51 | 20    | wol and S48   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:24 |
| S52 | 29    | S34 and wol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:26 |
| S53 | 0     | insufficient adj power adj2 wake  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:27 |
| S54 | 1     | insufficient adj battery adj power adj2 wake  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 16:30 |
| S55 | 1     | (insufficient adj battery adj power) with wake\$3                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:28 |
| S57 | 1     | amount with required with (battery adj power) with wake\$3                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:28 |
| S58 | 48    | wol and battery and portable  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 13:29 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S59 | 1     | insufficient adj2 power adj2 wake  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:36 |
| S60 | 590   | power adj2 wake  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:36 |
| S61 | 11    | S49 and battery  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:38 |
| S62 | 15514 | remain\$3 near3 battery  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:39 |
| S63 | 590   | (power or life or capacity or energy) with S60   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:39 |
| S64 | 8491  | (power or life or capacity or energy) with S62   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:39 |
| S65 | 288   | ("713"/\$.ccls. or "714"/\$.ccls.) and S64   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:45 |
| S66 | 78240 | ("713"/\$.ccls. or "714"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:46 |
| S67 | 44    | S66 and ((sufficient or insufficient) with remain\$3 with battery with (power or capacity or energy or life))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 15:15 |
| S68 | 18    | messag\$3 with ((sufficient or insufficient) with remain\$3 with battery with (power or capacity or energy or life)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 15:16 |
| S69 | 11    | ("4750175"   "5404544"   "5594426"   "5630049").PN. OR ("6189108").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/05/17 16:18 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S70 | 35   | battery with (power near fail\$4) with server   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 17:58 |
| S71 | 135  | wol and wake  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 17:59 |
| S72 | 45   | S71 and portable  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 17:59 |
| S73 | 36   | S72 and server  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 18:28 |
| S74 | 1    | wol and (wake adj up) and (wake adj up adj status)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:02 |
| S75 | 61   | insufficient adj battery adj power  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:04 |
| S76 | 61   | battery with ((wake adj up)) with determine   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:06 |
| S77 | 1029 | battery with ((wake adj up))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:06 |
| S78 | 83   | "713"/\$.ccls. and S77  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/18 10:06 |
| S79 | 217  | ("4316247"   "4510398"   "4538231"   "4568934"  <br>"4751653").PN. OR ("4980836").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/05/18 10:40 |
| S80 | 2    | S79 and wol   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/05/18 10:44 |
| S81 | 162  | S79 and battery   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/05/18 10:49 |



## EAST Search History

|     |    |                       |                              |    |      |                  |
|-----|----|-----------------------|------------------------------|----|------|------------------|
| S82 | 52 | S81 and (wake adj up) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON . | 2006/05/18 13:36 |
|-----|----|-----------------------|------------------------------|----|------|------------------|